Motivating to Successful Collaboration with Results

Lasse Laukka

Senior Specialist

National Cyber Security Centre of Finland

Finnish Communications
Regulatory Authority
National Cyber Security Centre

NCSC-FI

- CERT-FI formed early 2001
- Transformed into NCSC-FI in 2014
- Snapshot of NCSC-FI services:
  - » Operates national early warning and detection system, HAVARO
  - » Autoreporter
  - » Collaboration networks
    - Uniting security professionals within Finland
  - » Incident response and support
  - » Vulnerability coordination

Facts

- Constituency: Finland (from citizens to CIP to government)
- Employees: ~75
- Part of Finnish Communications Regulatory Authority
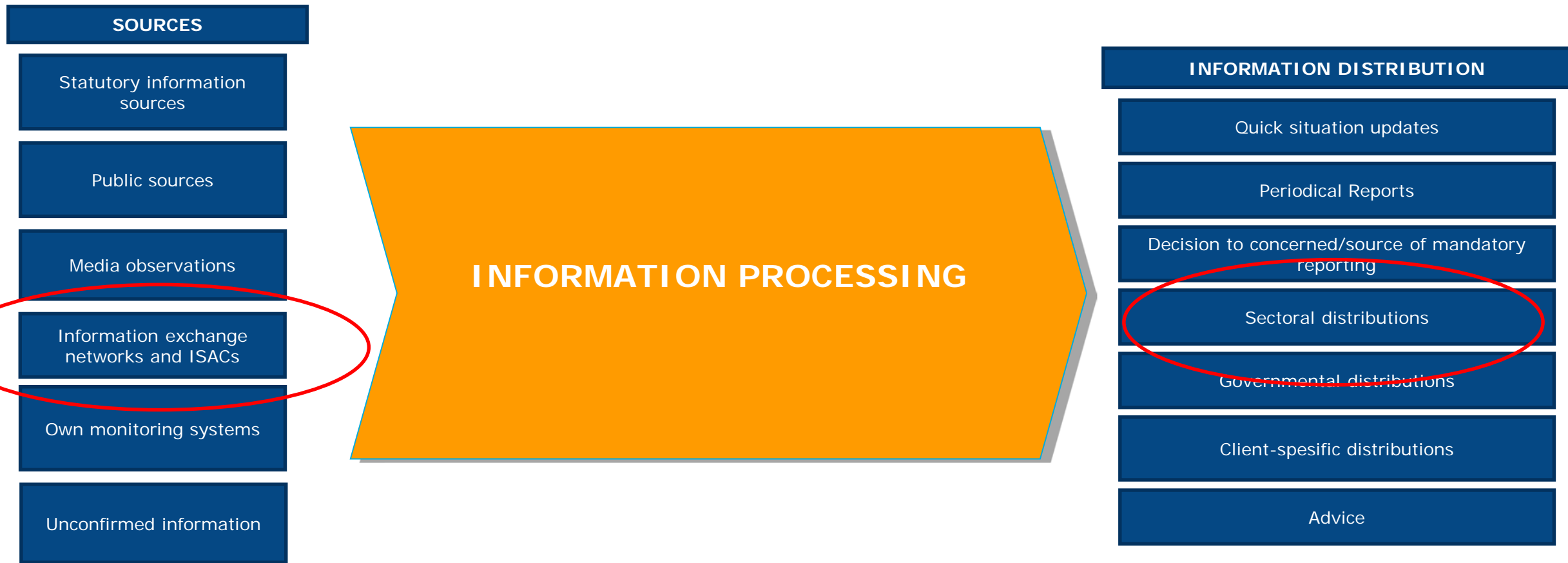
Collaboration?

Collaboration is about

» NDAs to enable
  - Exchange of confidential information
  - Discussion between different organizations

» Strict common ways of working
  - A lot of bureaucracy
  - Technical Information sharing platforms

Yes but no.

Collaboration is about

» Personal relationships with people

» Trust building

» Sharing (confidential) information

» Having the contacts when sh** hits the fan

Collaboration enhances situational awareness

SOURCES

Statutory information sources

Public sources

Media observations

Information exchange networks and ISACs

Own monitoring systems

Unconfirmed information

INFORMATION PROCESSING

INFORMATION DISTRIBUTION

Quick situation updates

Periodical Reports

Decision to concerned/source of mandatory reporting

Sectoral distributions

Governmental distributions

Client-spesific distributions

Advice

ISAC

» Group of people with similar problems discussing about information security

» Every group have written operating principals, but the group desides these principles
  ● Usually TLP and Chatham house rules

» As a result uniting the security professionals within Finland

Use cases for an ISAC

» Provides a framework to have effective meetings & workgroups
  ● Cyber weather, presentations from different organizations, round the table

» Information gained within the groups is used as input to NCSC-FI's situational awareness

» Groups can be used to process e.g. threats towards certain sector

ISACs in Finland

- Co-operation networks were established in agreement with National Emergency Supply Agency

Active ISACs

- State administration
- Internet service providers (ISPs)
- Chemical and forest industry
- Banks

- Media
- Energy sector
- Food industry and supply chain
- Healthcare
- Software industry

Benefits of ISAC co-operation

- » Best practices
- » Highlighting what NOT to do
- » Situational awareness for constituents
- » Discussion forum for security professionals in the industry

Welcome to ~~Alcoholics~~ Anonymous

Welcome to Infosec Pros Anonymous

Learnings from the past years

- ISAC will only function properly if a sufficient level of trust is established between the members
  - » Face to face meetings are MUST

- ISAC will only function properly if participants share information
  - » What you share is what you get!

- Groups with more than 15 participants will erode the level of trust!

- Networking and social events will enhance the possibilty to strenghten the trust between individuals

- 3-4 times a year is an optimal face-to-face meeting interval
  - » Active use of other communication channels ensures the information exchange meanwhile

Collaboration can be

- » Simple
- » Effective
- » Cheap

But you need to have

- » Trust

Finnish Communications Regulatory Authority
National Cyber Security Centre

cert@ficora.fi

www.ncsc.fi
www.ficora.fi